Amendment to the Claims

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims

Claim 1 (currently amended): A method for permanently dyeing hair which comprises subjecting said hair to a number of treatments, having a set time interval between each two consecutive such treatments, wherein each treatment comprises ~~steps a.) and b.) below~~:

a.) contacting said hair[[,]] for a period of about 5 seconds to about ~~5~~ 2 minutes with a recently made mixture of:

part ai: oxidative dye intermediates in a shampoo base at alkaline pH and wherein part ~~aii optionally has~~ ai comprises about 0.01 to about ~~5.0%~~ 5% of a conditioning agent which is a silicone;

part aii: an oxidative compound in a shampoo base at acidic pH and wherein part aii ~~optionally has~~ comprises about 0.01 to about ~~5.0%~~ 5% of a conditioning agent which is a silicone;

~~with the proviso that at least one of part ai and part aii has about 0.01 to about 5.0% of a conditioning agent;~~

b.) rinsing said mixture from said hair with water;

and wherein said number of treatments with an identically formulated mixture is between ~~about~~ 2 ~~to~~ and about 30; and wherein said set time interval between each two consecutive treatments is between about 8 hours and 30 days.

Claim 2 (currently amended): A method according to claim 1, wherein said dye intermediate is selected from the group consisting of:

m-aminophenol;

p-phenylene diamine;

p-toluenediamine;

~~p-phenylenediamine;~~

2-chloro-p- phenylenediamine;

N-phenyl-p-phenylenediamine;

N-2-methoxyethyl-p- phenylenediamine;

N,N-bis-(hydroxyethyl)-p-phenylenediamine;

2-hydroxymethyl-p-phenylenediamine;

2-hydroxyethyl-p-phenylenediamine;

4, 4'-diaminodiphenylamine;

2,6-dimethyl-p-phenylenediamine;

2-isopropyl-p- phenylenediamine;

N-(2-hydroxypropyl)-p-phenylenediamine;

2-propyl-p- phenylenediamine;

1,3-N, N-bis-(2-hydroxyethyl)-N,N-bis (4-aminophenyl)- 2-propanol;

2-methyl-4-dimethylaminoaniline;

p-aminophenol;

p- methylaminophenol;

3-methyl-p-aminophenol;

2-hydroxymethyl-p-aminophenol;

2-methyl-p-aminophenol;

2-(2-hydroxyethylaminomethyl)-p-aminophenol;

2-methoxymethyl-p-aminophenol;

~~and~~ 5-aminosalicylic acid;

catechol;

pyrogallol;

o-aminophenol;

2, 4-diaminophenol;

2,4,5-trihydroxytoluene;

1,2,4-trihydroxybenzene;

2- ethylamino-p-cresol;

2,3-dihydroxynaphthalene;

5-methyl-o-aminophenol;

6-methyl-o-aminophenol; ~~and~~

2-amino-5-acetaminophenol;

2-methyl-1- naphthol;

1-acetoxy-2-methylnaphthalene;

1,7-dihydroxynaphthalene;

resorcinol;

4-chlororesorcinol;

1-naphthol;

1,5-dihydroxynaphthalene;

2,7-dihydroxynaphthalene;

2-methylresorcinol;

1-hydroxy-6-aminonaphthalene- 3-sulfonic acid;

thymol (2-isopropyl-5-methylphenol);

1,5-dihydroxy-1,2, 3,4-tetrahydronaphthalene;

2-chlororesorcinol;

2,3-dihydroxy-1,4- naphthoquinone; ~~and~~

1-naphthol-4-sulfonic acid;

m-phenylenediamine;

2-(2,4- diaminophenoxy)ethanol;

N,N-bis(hydroxyethyl)-m-phenylenediamine;

2,6- diaminotoluene;

N,N-bis(hydroxyethyl)-2,4-diaminophenetole;

bis(2,4- diaminophenoxy)-1,3-propane;

1-hydroxyethyl-2,4-diaminobenzene;

2-amino- 4 hydroxyethylaminoanisole;

aminoethoxy-2,4-diaminobenzene;

2,4- diaminophenoxyacetic acid;

4,6-bis(hydroxyethoxy)-m-phenylenediamine;

2,4-diamino-5-methylphenetole;

2,4-diamino-5-hydroxyethoxytoluene;

2,4- dimethoxy 1,3-diaminobenzene; ~~and~~

2,6-bis(hydroxyethylamino) toluene;

~~m-aminophenol;~~

2-hydroxy-4- carbamoylmethylaminotoluene;

m-carbamoylmethylaminophenol;

6- hydroxybenzomorpholine;

2-hydroxy-4-aminotoluene;

2-hydroxy-4-hydroxyethylaminotoluene;

4,6-dichloro-m-aminophenol;

2-methyl-m- aminophenol;

2-chloro-6-methyl-m-aminophenol;

2-hydroxyethoxy-5- aminophenol;

2-chloro-5-trifluoroethylaminophenol;

4-chloro-6-methyl-m- aminophenol;

N-cyclopentyl-3-aminophenol;

N-hydroxyethyl-4-methoxy-2-methyl-m-aminophenol; ~~and~~

5-amino-4-methoxy-2-methylphenol;

2-dimethylamino-5-aminopyridine;

2,4,5,6-tetra-aminopyrimidine;

4,5-diamino-1-methylpyrazole;

1-phenyl-3- methyl-5-pyrazolone;

6-methoxy-8-aminoquinoline;

2,6-dihydroxy-4-methylpyridine;

5-hydroxy-1,4-benzodioxane;

3,4-methylenedioxyphenol;

4-hydroxyethylamino-1,2-methylenedioxybenzene;

2,6-dihydroxy-3,4- dimethylpyridine;

5-chloro-2,3-dihydroxypyridine;

3,5-diamino-2,6- dimethoxypyridine;

2-hydroxyethylamino-6-methoxy-3-aminopyridine;

3,4- methylenedioxyaniline;

2,6-bis-hydroxyethoxy-3,5-diaminopyridine;

4- hydroxyindole;

3-amino-5-hydroxy-2,6-dimethoxypyridine;

5,6-dihydroxyindole;

7-hydroxyindole;

5-hydroxyindole;

2-bromo-4,5- methylenedioxyphenol;

6-hydroxyindole;

3-amino-2-methylamino-6- methoxypyridine;

2-amino-3-hydroxypyridine;

2,6-diaminopyridine;

5-(3,5-diamino-2-pyridyloxy)-1,3-dihydroxypentane;

3-(3,5-diamino-2-pyridyloxy)- 2-hydroxypropanol; ~~and~~

4-hydroxy-2,5,6-triaminopyrimidine[[,]];

or combinations thereof.

Claim 3 (original): A method according to claim 1, wherein said part ai, prior to mixture with part aii, has a pH of about 8 to about 11.

Claim 4 (original): A method according to claim 1, wherein said part aii prior to mixture with said part ai, has a pH of about 3 to about 5.

Claim 5 (currently amended): A method according to claim 1 wherein said part ai comprises:

A.) from about 0.05 % to about 1.0% of an oxidative hair dye intermediate; ~~wherein part aii optionally has about 0.01 to about 5.0% of a conditioning agent;~~

~~A.)~~ B.) from about 0.1% to about 0.5% of a coupler; and

~~B.)~~ C.) from about 1 % to about 80 % of a shampoo base.

Claim 6 (currently amended): A method according to claim 1 wherein part aii comprises:

A.) from about 10 % to about 90 % of a shampoo base ~~and wherein part aii optionally has about 0.01 to about 5.0% of a conditioning agent~~;

~~A.)~~ B.) from about 0.5% to about 2.5% of a volatile silicone; and

~~B.)~~ C.) from about 0.1 % to about 5 % of an oxidative compound.

Claim 7 (original): A method according to claim 1 wherein said period for contacting said hair is between about 1/2 minute and about 2 minutes.

Claim 8 (original): A method according to claim 1 wherein said set time interval is between about 1 day and about 3 days.

Claim 9 (original): A method according to claim 1 wherein said hair is highlighted.

Claim 10 (original): A method according to claim 1 wherein said hair has a combing index in the range of about 1.1 to about 4.0.

Claim 11 (original): A method according to claim 1 wherein said hair has a combing index in the range of about 1.2 to about 3.5.

Claim 12 (original): A method according to claim 1 wherein said hair has a combing index in the range of about 1.5 to about 3.0.

Claim 13 (original): A method according to claim 1 wherein said method minimizes hair outgrowth.

Claim 14 (original): A method according to claim 1 wherein said hair has a combing force of about 5 to about 55 gmforce.

Claim 15 (original): A method according to claim 1 wherein said hair has a combing force of about 10 to about 20 gmforce.

Claim 16 (original): A method according to claim 1 wherein said hair has a combing force of about 10 to about 16 gmforce.

Claim 17 (original): A method according to claim 1 which minimizes hair color fading.

Claim 18 (original): A method according to claim 1 which minimizes hair root outgrowth.

Claim 19 (original): A method according to claim 1 wherein said mixture of part ai and part aii delivers delta E of about 0.1 to about 65 on blonde hair and delta E of about 0.1 to about 8 on brown hair.

Claim 20 (original): A method according to claim 1 wherein said hair, after performance of said method, has a ratio IR absorption at 1040/1240 of about 0.01 to 1.5.

Claim 21 (original): A method according to claim 1 wherein said hair, after performance of said method, has a ratio IR absorption at 1040/1240 of about 0.01 to 1.0.

Claim 22 (original): A method according to claim 1 wherein said hair, after performance of said method, has a ratio IR absorption at 1040/1240 of about 0.01 to 0.5.

Claim 23 (original): A method according to claim 1 wherein said oxidative compound is selected from the group consisting of hydrogen peroxide, urea peroxide, melamine peroxide, sodium perborate, sodium percarbonate, and mixtures thereof.

Claim 24 (original): A method according to claim 1 wherein part ai comprises from about 35% to about 98.9% water.

Claim 25 (original): A method according to claim 1, wherein the mixture of part ai and part aii has a neat viscosity of from about 500 cps to about 60,000 cps at 26.7.degree. C., as measured by a Brookfield RVTDCP with a spindle CP-41 at 1RPM for 3 minutes.

Claim 26 (currently amended): A method for maintaining hair color through the use of a permanent hair dye which comprises subjecting said hair to successive treatments, having a set time interval between each two consecutive such treatments, wherein each treatment comprises ~~steps a.) and b.) below~~:

a.) contacting said hair[[,]] for a period of about 5 seconds to about ~~5~~ 2 minutes with a recently made mixture of:
part ai: oxidative dye intermediates in a shampoo base at alkaline pH and wherein part ai ~~optionally has~~ comprises about 0.01 to about ~~5.0%~~ 5% of a conditioning agent;
part aii: ~~An~~ an oxidative compound in a shampoo base at acidic pH and wherein part aii ~~optionally has~~ comprises about 0.01 to about ~~5.0%~~ 5% of a conditioning agent;

~~with the proviso that at least one of part ai and part aii has about 0.01 to about 5.0% of a conditioning agent;~~

b.) rinsing said mixture from said hair with water;

and wherein said number of treatments with an identically formulated mixture is at least ~~about~~ 2; and wherein said set time interval between each two consecutive treatments is between about 8 hours and 30 days.

Claim 27 (original): A method according to claim 1 wherein said oxidative hair dye intermediates are present at about 0.1% to about 1%.

Claim 28 (original): A method according to claim 1 wherein said oxidative compound is present at about 2 % to about 5 %.

Claim 29 (currently amended): A dispenser for dispensing simultaneously part ai and part aii according to claim 1, which comprises:

A.) a means for holding part ai and part ~~ai~~ aii in physically separate locations;
B.) a means for protecting part ai and part aii from air prior to dispensing;

C.) a means for dispensing part ai and part aii in equal amounts and in proximity to each other.

Claim 30 (original): A method according to claim 1 wherein part ai and part aii are mixed by hand.

Claim 31 (original): A method according to claim 1 which comprises rinsing said mixture of part ai and part aii from said hair with water in a shower.

Claim 32 (canceled).

Claim 33 (currently amended): A ~~composition~~ method according to claim ~~32~~ 1 ~~which further comprises~~ wherein the silicone is a volatile silicone present in about 1% to about 4% ~~of a volatile silicone~~.

Claim 34 (currently amended): A ~~composition~~ method according to claim ~~32~~ 1, wherein said shampoo agent comprises a surfactant selected from the group consisting of amphoteric surfactants, anionic surfactants, zwitterionic surfactants, and mixtures thereof.

Claim 35 (new): A kit for permanently dyeing hair comprising:

(a) a hair coloring composition formed with a part (ai) and a part (aii) ~~comprising~~ each stored in a separate container or each in a separate chamber of a dual chamber container wherein:

part (ai) comprises oxidative dye intermediates in a shampoo base at alkaline pH and further comprising from about 0.01 to about 5% of the conditioning agent which is a silicone compound;

part (aii) comprises an oxidative compound in a shampoo base at acidic pH and further comprising from about 0.01 to about 5% of the conditioning agent which is a silicone;

(b) instructions advising a consumer to mix parts (ai) and (aii) together forming a mixture just prior to use, then in a treatment contacting the hair~~, the contact being for~~ a period of about 5 seconds to about 2 minutes, followed by rinsing with water the mixture from the hair, and advising the consumer to repeat contacting and rinsing steps of the treatment with the same mixture between 2 and ~~3~~30 times, time intervals between each two-consecutive treatments being about 8 hours and 30 days.